

**Plots of dye/protein ratio versus amount of applied NHS ester,
for Compound 2 and Compound 6.**

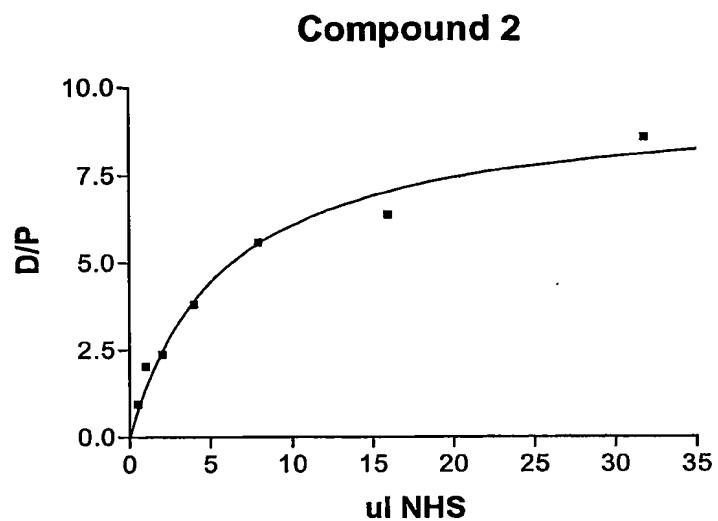


FIGURE 1A

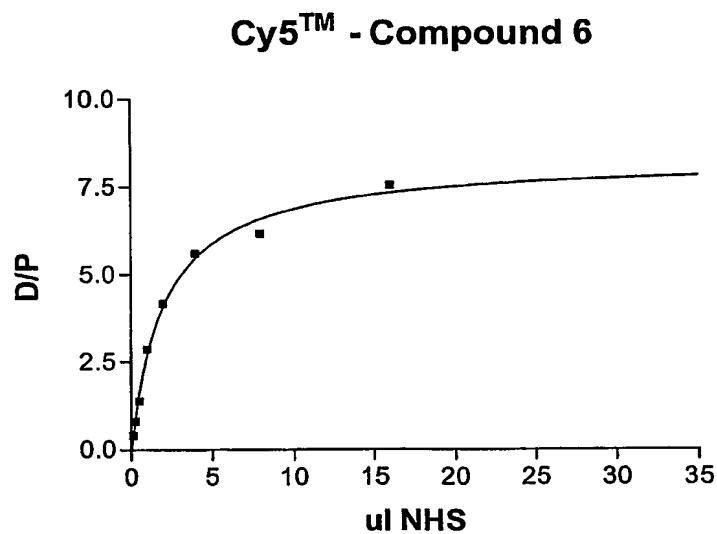


FIGURE 1B

Plot of relative fluorescence intensity versus dye/protein ratio, at constant antibody concentration, for pentamethine cyanine dyes.

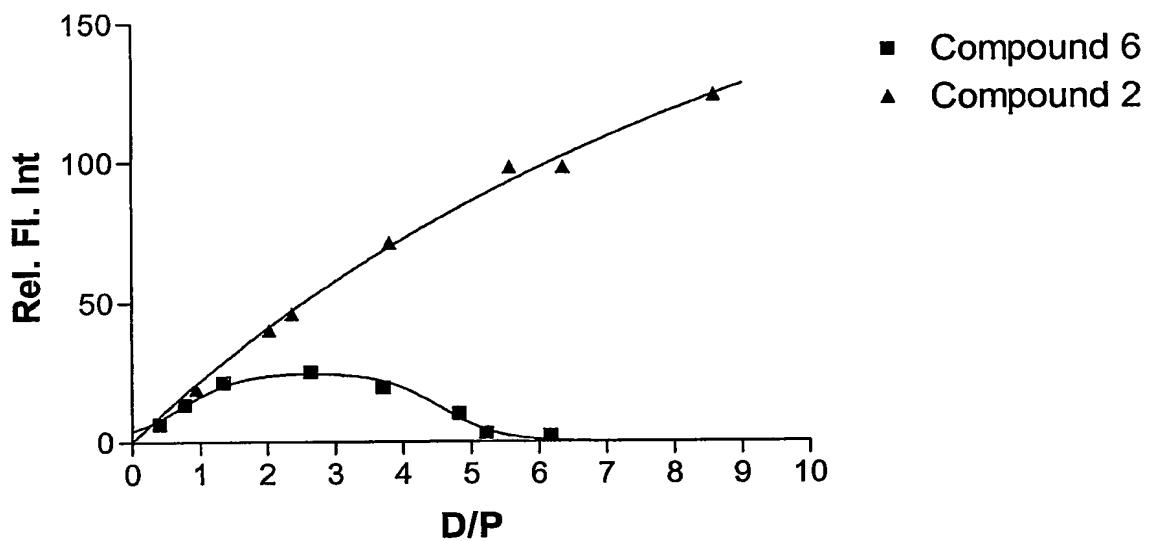


FIGURE 2

Absorption Spectra of IgG Conjugates of Compound 6 and Compound 2 at low- and high-dye/protein ratios.

UV/Vis Compound 6-IgGConjugates

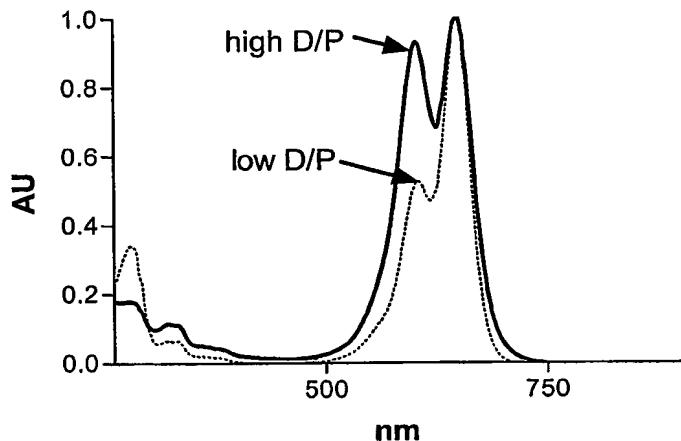


FIGURE 3A

UV/Vis Compound 2-IgG Conjugates

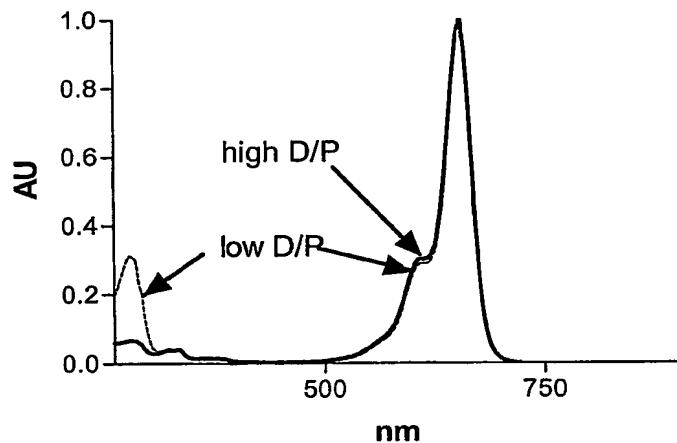


FIGURE 3B

Absorption Spectra of IgG Conjugates of Compound 7 compared with Compounds 3 and 4 at high-dye/protein ratios.

UV/Vis of Compound 3-IgG and 7-IgG conjugates

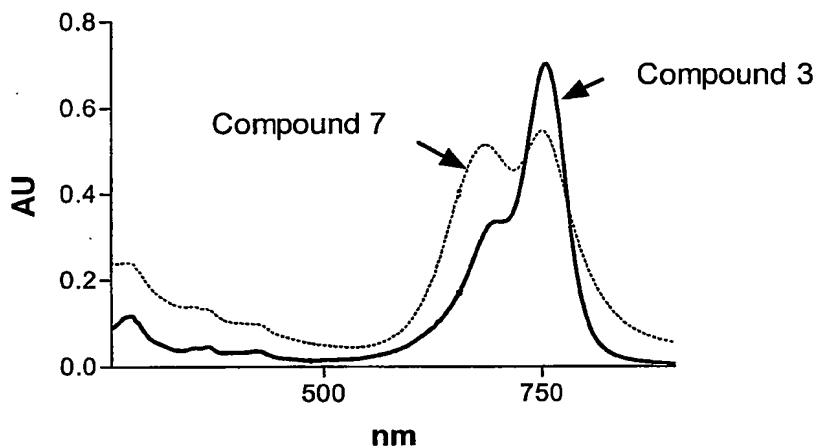


FIGURE 4A

UV/Vis of Compound 4-IgG and Compound 7-IgG conjugates

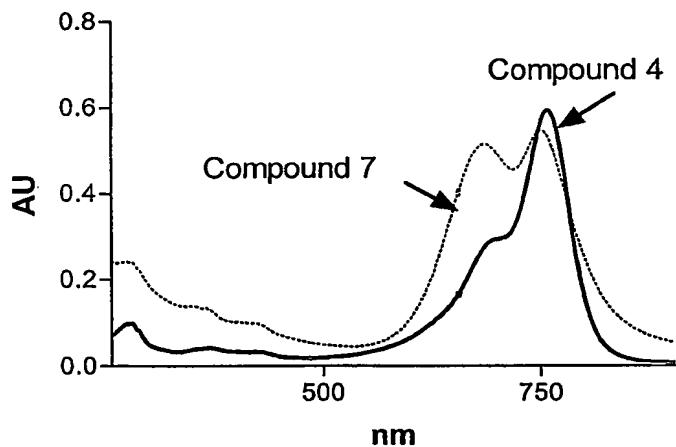


FIGURE 4B

Plot of relative fluorescence intensity versus dye/protein ratio for heptamethine cyanine dyes.

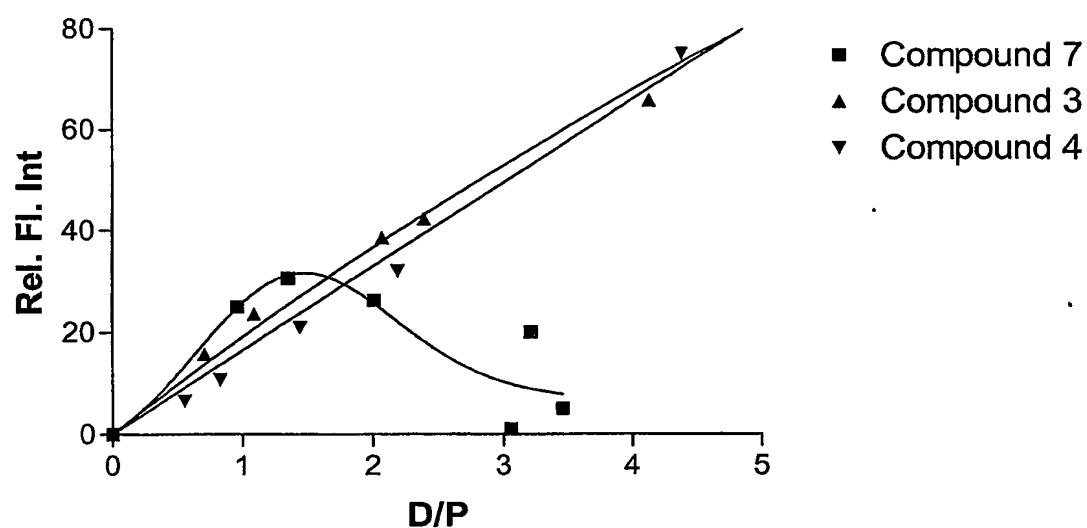
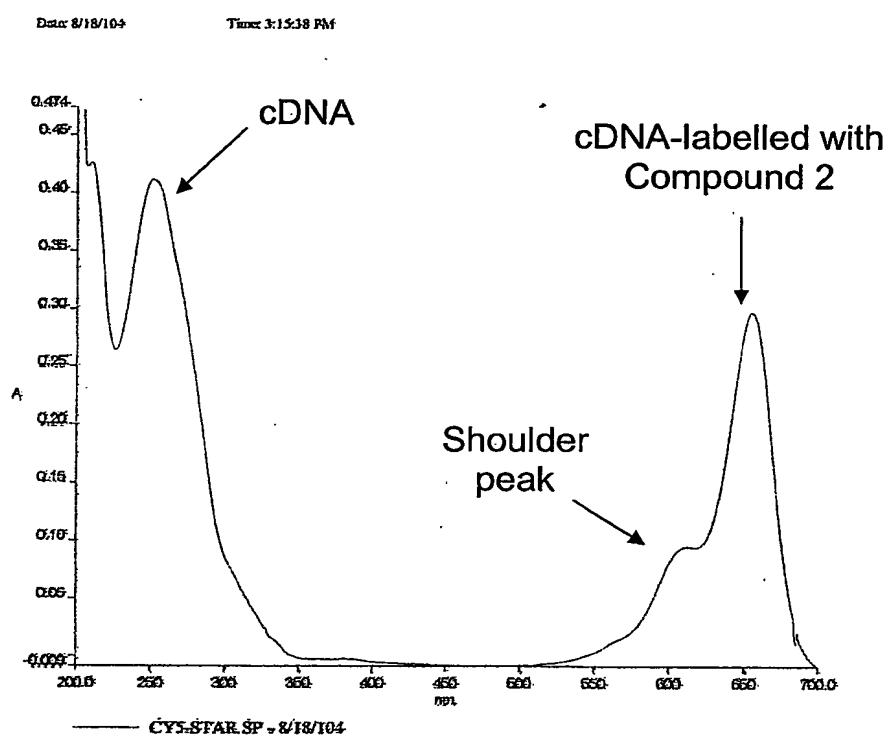
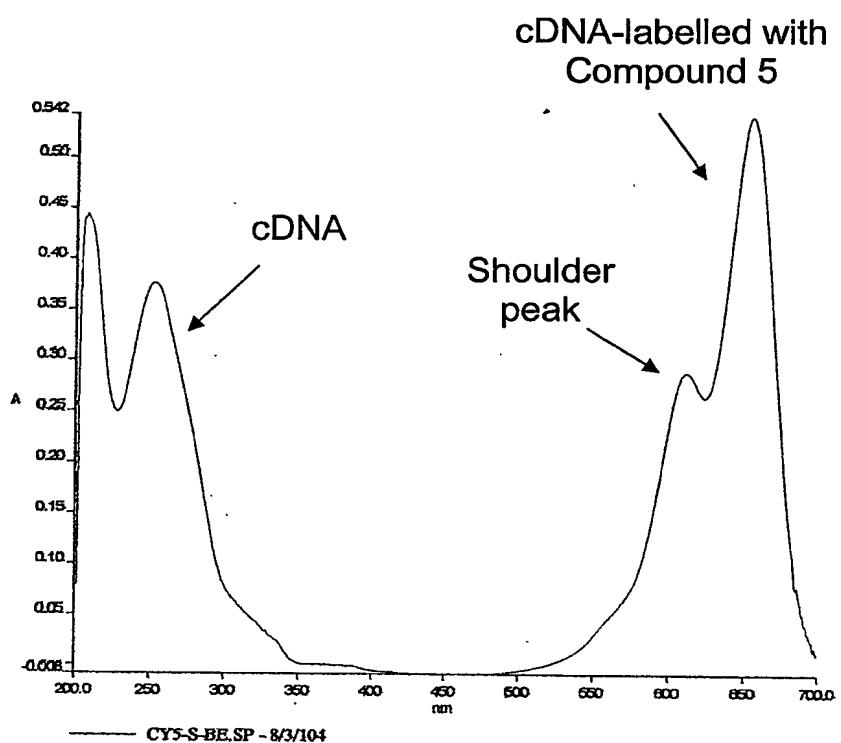
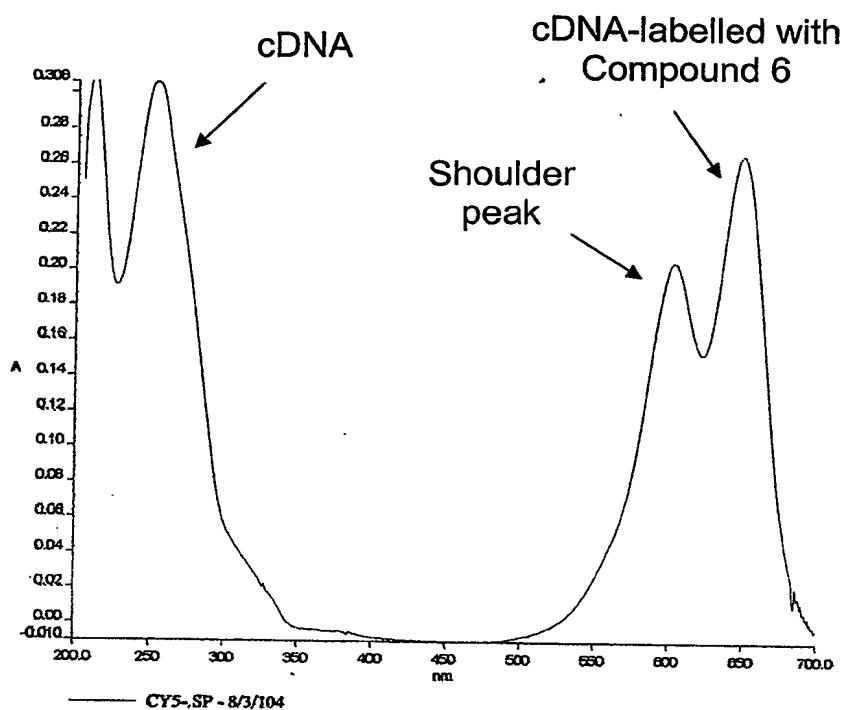


FIGURE 5

Spectral scan (200-700nm) of cDNA labelled with Compound 2**FIGURE 6**

Spectral scan (200-700nm) of cDNA labelled with Compound 5**FIGURE 7**

Spectral scan (200-700nm) of cDNA labelled with Compound 6**FIGURE 8**

**Photostability studies of Compound 2 and Compound 5
(vs Compound 6)**

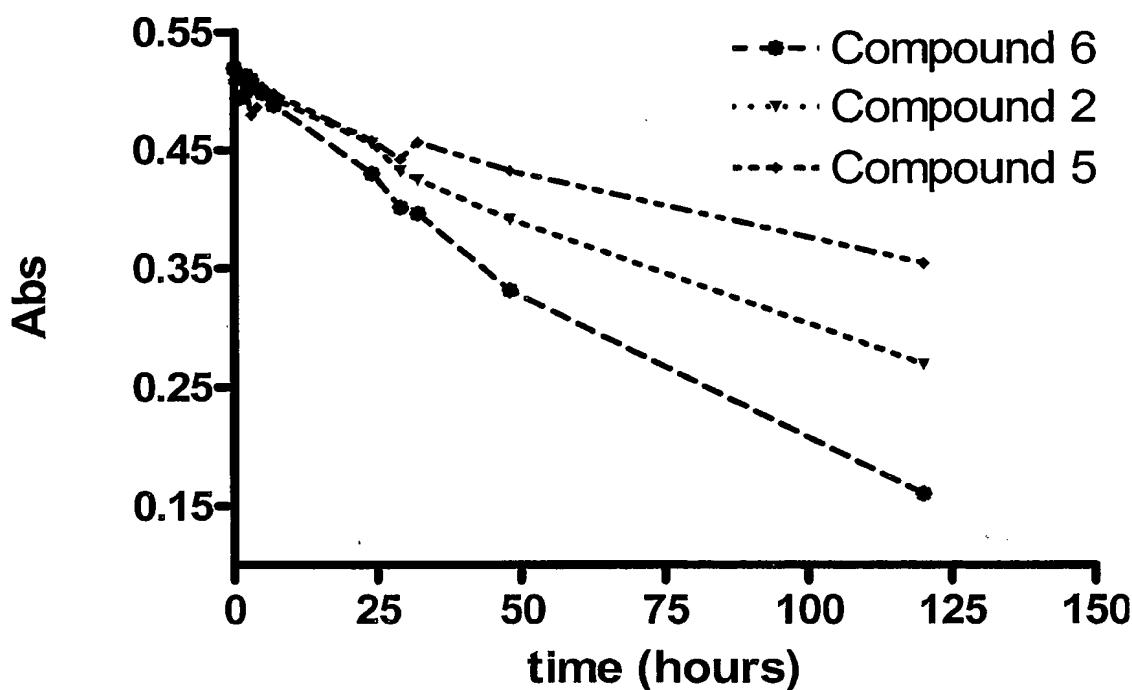


FIGURE 9